

SIO-2® PA – White Earthenware Clay

WHY CHOOSE SIO-2® PA CLAY?

This low fire clay radiates a vibrant white color and smooth texture which is highly sought after among potters and artists alike.

IS SIO-2® PA CLAY MICROWAVE SAFE?

If PA clay is fired at cone 03 and covered in a non-porous glaze, your piece should be microwave safe (however to ensure the longevity of your objects, it's always better to avoid using them in the microwave or dishwasher).

IS SIO-2® PA SUITABLE FOR TABLEWARE?

Yes. PA clay bodies are food-safe according to ISO 6486:1999 standards.

GLAZE

RECOMMENDATIONS

SIO-2® PA clay is highly versatile and can be glazed with any standard glaze, in both single and twice firing processes.



PA @danielCceramics



PA Vicente Rivera



SIO-2® PA is a white earthenware clay that is prized for its beautiful white color, which is perfect for creating intricate designs and patterns. It can be used for a variety of applications including pottery, sculpture, and decorative items.

SIO-2® PA Clay offers greater stability than traditional white earthenware clays due to its balanced calcium carbonate content. This makes it an excellent choice for ceramic artists, as it is less likely to warp or crack during the firing process.

This high-quality clay has a smooth texture and excellent plasticity that makes it easy to work with and allows artists to create detailed sculptures or pottery pieces.

Firing range: Cone 05-03 (1911°-2019°F)

Water content: 20%

Plasticity (IP Atterberg): 16

Carbonate content (CaCO₃): 17%

Drying shrinkage: 6.8%

Firing shrinkage at Cone 04: -0.4%

Porosity (water absorption) at Cone 04: 12.3%

Dry bending strength: 5.1 N/mm²

Fired bending strength at Cone 04: 27.8 N/mm²

Thermal coefficient (a_{25-500°C}): 79.1x10⁻⁷°C⁻¹



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